Attorney Docket No. 1794-0141P

Atto Bus CH, STEWART, KOLASCH & BIRCH, LLP
PO Box 747 • Falls Church, Virginia 22040-0747
Telephone (703) 205-8000 • Facsimile: (703) 205-8050

PLEASE NOTE: YOU MUST COMPLETE THE FOLLOWING

COMBINED DECLARATION AND POWER OF ATTORNEY FOR PATENT AND DESIGN APPLICATIONS

As a below named inventor, I hereby declare that: my residence, post office address and citizenship are as stated next to my name, that I verily believe that I am the original, first and sole inventor (if only one inventor is named below) or an original, first and joint inventor (if piural inventors are named below) of the subject matter which is claimed and for which a patent is sought on the invention entitled.

	inventors are named b	elow) of the subject	t matter which is claimed	and for which a pate	nt is sought on the inventi	irst and joint inv ion entitled:	entor (if piura	
Insert Title:	IMPURITY DOPING METHOD FOR SEMICONDUCTOR AS WALL AS SYSTEM THEREFOR AND SEMICONDUCTOR MATERIALS PREPARED THEREBY							
Fill in Appropriate	the specification of wh	nich is attached here	eto. If not attached hereto,					
Information -	the specification was filed on August 30, 2001							
For Use Without	United States Application Number							
Specification	and amended on		(if applicab	ie) and/or				
Attached:								
	international Ap	pheadon Number _			and was			
	amended under PCT Article on							
	I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, §1.56. I do not know and do not believe the same was ever known or used in the United States of America before my or our invention thereof, or patented or described in any printed publication in any country before my or our invention thereof or more than one year prior to this application, that the invention has not been patented or made the subject of an inventor's certificate issued before the date of this application in any country foreign to the United States of America on an application filed by me or my legal representative or assigns more than twelve months (six months for designs) prior to this application, and that no application for patent or inventor's certificate on this invention has been filed in any country foreign to the United States of America prior to this application by me or my legal representatives or assigns, except as follows. I hereby claim foreign priority benefits under Title 35, United States Code, §119(a)-(d) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:							
T	Prior Foreign Appli		Priority	Claimed				
Insert Priority Information:	2000-264743	Janan		Sentember	1, 2000	\boxtimes		
(if appropriate)	(Number)	(Country)		(Month/Day/		احا Yes	□ No	
•		• /		(1 1100,	_	_	
	(Number)	(Country)	·	() (1 / D / 2	V Pil I			
	(Number)	(Country)		(Month/Day/	Year Filed)	Yes	No	
	(Number)	(Country)		(Month/Day/	Year Filed)	□ Yes	□ No	
	(Number)	(Country)		(Month/Day/	Year Filed)	□ Yes	□ No	
	I hereby claim the benefit under Title 35, United States Code, §119(e) of any United States provisional applications(s) listed below.							
Ir Provisional A, atton(s): (if any)	(Application Number)			(Filing D	ate)			
	(Application Number)			(Filing Date)				
	All Foreign Applications, if any, for any Patent or Inventor's Certificate Filed More than 12 Months (6 Months for Designs) Prior to the Filing							
	Date of This Application	on:						
	Country		Application Number		Date of Filing (Month/D	Day/Year)		
Insert Requested Information: (if appropriate)								
	I hereby claim the benefit under Title 35, United States Code, §120 of any United States and/or PCT application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States and/or PCT application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose information which is material to the patentability as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.							
Insert Prior U.S. Application(s): (if any)	(Application Number) (Filing Date)		(Filing Date)		(Status - patented, pending, abandoned)			
•								
	(Application Number)		(Filing Date)		(Status - patented, pendi	ng, abandoned)		

Page 1 of 2 (Rev. 01/22/01)

Attorney Docket No. 1794-0141P

I hereby appoint the following attorneys to prosecute this application and or an international application based on this application and to transact all business in the Patent and Trademark Office connected therewith and in connection with the resulting patent based on instructions received from the entity who first sent the application papers to the attorneys identified below, unless the inventor(s) or assignee provides said attorneys with a written notice to the contrary.

Raymond C. Stewart	(Reg. No. 21,066)	Terrell C. Birch	(Reg. No. 19,382)
Joseph A. Kolasch	(Reg. No. 22,463)	James M. Slattery	(Reg. No. 28,380)
Bernard L. Sweeney	(Reg. No. 24,448)	Michael K. Mutter	(Reg. No. 29,680)
Charles Gorenstein	(Reg. No. 29,271)	Gerald M. Murphy, Jr.	(Reg. No. 28,977)
Leonard R. Svensson	(Reg. No. 30,330)	Terry L. Clark	(Reg. No. 32,644)
Andrew D. Meikle	(Reg. No. 32,868)	Marc S. Weiner	(Reg. No. 32,181)
Joe McKinney Muncy	(Reg. No. 32,334)	Donald J. Dalev	(Reg. No. 34,313)
John W. Bailey	(Reg. No. 32,881)	John A. Castellano	(Reg. No. 35,094)
Gary D. Yacura	(Reg. No. 35,416)	Thomas S. Auchterlonie	(Reg. No. 37,275
Mark J. Nuell	(Reg. No. 36 623)		(===8:=:0:2:,2:/3

Send Correspondence to:

BIRCH, STEWART, KOLASCH & BIRCH, LLP

or Customer No. 2292

P.O. Box 747 • Falls Church, Virginia 22040-0747

Telephone: (703) 205-8000 • Facsimile: (703) 205-8050

FOLLOWING:

Insert Residence

Insert Post Office

Full Name of Second Inventor, if any see above

Full Name of Third Inventor, if any see above

Full Name of Fourth Inventor, if any see above I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

GIVEN NAME/FAMILY NAME	INVENTOR'S SIGNATURE		DATE*						
Yoshinobu AOYAGI	W Arela		O.J. 2, 200						
Residence (City, State & Country)		CITIZENSHIP							
Wako-shi, Saitama JAPAN		Japanese							
MAILING ADDRESS (Complete Street Address incli	uding City, State & Country)	1							
c/o RIKEN, 2-1, Hirosawa, Wako-Shi, Saitama 351-0198 JAPAN									
GIVEN NAME/FAMILY NAME	INVENTOR'S SIGNATURE		DATE*						
Souhachi IWAI	1. Tutle		Cet. 2, 200,						
Residence (City, State & Country)		CITIZENSHIP	,						
Wako-Shi, Saitama JAPAN		Japanese							
MAILING ADDRESS (Complete Street Address including City, State & Country) c/o RIKEN, 2-1, Hirosawa, Wako-Shi, Saitama 351-0198 JAPAN									
GIVEN NAME/FAMILY NAME	INVENTOR'S SIGNATURE		DATE*						
Hideki HIRAYAMA	A Mirayama		Oct. 3, 2001						
Residence (City, State & Country)	11	CITIZENSHIP	<u> </u>						
Wako-shi, Saitama JAPAN	· · · · · · · · · · · · · · · · · · ·	Japanese							
MAILING ADDRESS (Complete Street Address inclu	iding City, State & Country)	<u> </u>							
c/o RIKEN, 2-1, Hirosawa, Wako-Shi, Saitama 351-01	198 JAPAN								
GIVEN NAMEFAMILY NAME	INVENTOR'S SIGNATURE		DATE*						
Residence (City, State & Country)		CITIZENSHIP							
MAILING ADDRESS (Complete Street Address inclu	iding City, State & Country)								

Page 2 of 2 (Rev. 01/22/01)

*DATE OF SIGNATURE